

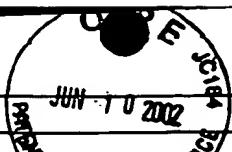
SEARCHED

JUN 12 2002

PTO FORM 4/92

Technology Center 2600 Page 1 of 7

FORM PTO-1449



ATTY.

DOCKET

ASF00116-PA-US

SERIAL NO. 09/960,239

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Albert D. Edgar

FOR APPLICANT'S INFORMATION

FILING DATE

Sept. 21, 2001

GROUP

DISCLOSURE STATEMENT

FOR: Method And System For Improving Scanned Image Detail

UNITED STATES LETTERS PATENT

	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
2	2	4	0	4	1	3	8	Oct. 6, 1941	Mayer, A.L.	95	94
2	3	5	2	0	6	8	9	Jul. 14, 1970	Nagae et al.	96	55
2	3	5	2	0	6	9	0	Jul. 14, 1970	Nagae et al.	96	55
2	3	5	8	7	4	3	5	Jun. 28, 1971	Chioffe	95	89
2	3	6	1	5	4	7	9	Oct. 26, 1971	Kohler et al.	96	48
2	3	6	1	5	4	9	8	Oct. 26, 1971	Aral	96	55
2	3	6	1	7	2	8	2	Nov. 2, 1971	Bard	96	59
2	3	7	4	7	1	2	0	Jul 17, 1973	Stemme	346	75
2	3	9	0	3	5	4	1	Sep. 2, 1975	Von Meister et al.	354	317
2	3	9	4	6	3	9	8	Mar 23, 1976	Kyser et al.	346	1
2	3	9	5	9	0	4	8	May 25, 1976	Stanfield et al.	156	94
2	4	0	2	6	7	5	6	May 31, 1977	Stanfield et al.	156	554
2	4	0	8	1	5	7	7	Mar. 28, 1978	Horner	427	424
2	4	1	4	2	1	0	7	Feb. 27, 1979	Hatzakis et al.	250	571
2	4	2	1	5	9	2	7	Aug. 5, 1980	Grant et al.	354	317
2	4	2	4	9	9	8	5	Feb. 10, 1981	Stanfield	156	554
2	4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75
2	4	4	9	0	7	2	9	Dec. 25, 1984	Clark et al.	346	75
2	4	5	0	1	4	8	0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
2	WO 90/01240 /	Feb. 8, 1990	PCT	H04N	1/40
2	WO 91/09493 /	Jun. 27, 1991	PCT	H04N	5/217
2	WO 97/25652 /	Jul. 17, 1997	PCT	G03D	5/00
2	WO 98/19216 /	May 7, 1998	PCT	G03C	5/29
2	WO 98/25399 /	Jun. 11, 1998	PCT	H04N	1/38
2	WO 98/31142 /	Jul. 16, 1998	PCT	H04N	5/253
2	WO 98/34157 /	Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

2	"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, pp. 546-550, 1994.
2	"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", Aich, T., et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.
2	"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", Rangayyan, R., et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.
2	"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.
2	"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", Stimpson, D., et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.
2	"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", Hayes, D. et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.
2	"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", Wallace, D., MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 6-9, Nov., 1996.

EXAMINER DATE CONSIDERED 10-1-06

EXAMINER: Initials if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JUN 12 2002

Technology Center 2600

Page 2 of 7

PTO FORM 4/92

FORM PTO-1449

ATTY.
DOCKET

ASE0116-PA-US

SERIAL NO. 09/960,239

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Albert D. Edgar

FOR APPLICANT'S INFORMATION

FILING DATE

Sept. 21, 2001

GROUP

DISCLOSURE STATEMENT

FOR: Method And System For Improving Scanned Image Detail

UNITED STATES LETTERS PATENT

	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
	4	5	6	4	2	8	0	Jan. 14, 1986	Fukuda	354	317
	4	5	9	4	5	9	8	Jun. 10, 1986	Iwagami	346	140
	4	6	2	1	0	3	7	Nov. 4, 1986	Kanda et al.	430	30
	4	6	2	3	2	3	6	Nov. 18, 1986	Stella	354	318
	4	6	3	6	8	0	8	Jan. 13, 1987	Herron	346	75
	4	6	6	6	3	0	7	May 19, 1987	Matsumoto et al.	356	404
	4	6	7	0	7	7	9	Jun 2, 1987	Nagano	358	75
	4	7	3	6	2	2	1	Apr. 5, 1988	Shidara	354	317
	4	7	4	5	0	4	0	May 17, 1988	Levine	430	21
	4	7	5	5	8	4	4	Jul. 5, 1988	Tsuchiya et al.	354	317
	4	7	7	7	1	0	2	Oct. 11, 1988	Levine	430	21
	4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
	4	8	1	4	6	3	0	Mar. 21, 1989	Lim	250	578
	4	8	2	1	1	1	4	Apr. 11, 1989	Gebhardt	358	75
	4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
	4	8	5	1	3	1	1	Jul. 25, 1989	Millis et al.	430	30
	4	8	5	7	4	3	0	Aug. 15, 1989	Millis et al.	430	30
	4	8	7	5	0	6	7	Oct. 17, 1989	Kanzaki et al.	354	325
	4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	WO 98/34397	Aug. 6, 1998	PCT	H04N	
	WO 99/43148	Aug. 26, 1999	PCT	H04N	1/00
	WO 01/01197	Jan. 4, 2001	PCT	G03D	5/00
	WO 01/13174 A1	Feb. 22, 2001	PCT	G03D	5/06
	EP 0 261 782 A2	Aug. 14, 1987	Europe	H04N	1/46
	EP 0 422 220 A1	Mar. 28, 1989	Europe	A61B	6/03
	EP 0 482 790 B1	Sep. 9, 1991	Europe	H04N	1/40
	EP 0 525 886 A3	Jul. 21, 1992	Europe	G03D	5/00
	EP 0 580 293 A1	Jun. 22, 1993	Europe	H04N	1/04
	EP 0 669 753 A2	Feb. 24, 1995	Europe	H04N	1/407

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	"Protorealistic Ink-Jet Printing Through Dynamic Spot Size Control", Wallace, D., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996.
	"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", Hayes, D., et al., MicroFab Technologies, Inc.
	"A Method of Characteristics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", Wallace, D., MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.
	"Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging, Nikon Corporation, Nov. 28, 2000.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

JUN 12 2002

PTO FORM 4/92

JUN 10 2002

Technology Center 2600

Page 3 of 7

FORM PTO-1449

ATTY.
DOCKET

ASF00116-PA-US

SERIAL NO.

09/960,239

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Albert D. Edgar

FOR APPLICANT'S INFORMATION

FILING DATE

Sept. 21, 2001

GROUP

DISCLOSURE STATEMENT

FOR: Method And System For Improving Scanned Image Detail

UNITED STATES LETTERS PATENT

	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
9	4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214
9	5	0	3	4	7	6	7	Jul. 23, 1991	Netz et al.	354	317
9	5	1	0	1	2	8	6	Mar. 31, 1992	Patton	358	487
9	5	1	2	4	2	1	6	Jun. 23, 1992	Giapis et al.	430	30
0	5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214
9	5	1	9	6	2	8	5	Mar. 23, 1993	Thomson	430	30
9	5	2	1	2	5	1	2	May 18, 1993	Shiota	354	319
9	5	2	3	1	4	3	9	Jul. 27, 1993	Takahashi et al.	354	313
9	5	2	3	5	3	5	2	Aug. 10, 1993	Piès et al.	346	140
9	5	2	5	5	4	0	8	Oct. 26, 1993	Blackman	15	308
8	5	2	6	6	8	0	5	Nov. 30, 1993	Edgar	250	330
9	5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527
9	5	2	9	2	6	0	5	Mar. 8, 1994	Thomson	430	30
9	5	2	9	6	9	2	3	Mar. 22, 1994	Hung	358	527
9	5	3	5	0	6	5	1	Sep. 27, 1994	Evans et al.	430	21
9	5	3	5	0	6	6	4	Sep. 27, 1994	Simons	430	362
9	5	3	5	7	3	0	7	Oct. 18, 1994	Glanville et al.	354	324
9	5	3	6	0	7	0	1	Nov. 1, 1994	Elton et al.	430	501
9	5	3	7	1	5	4	2	Dec. 6, 1994	Pauli et al.	348	262

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
9	EP 0 794 454 A2	Feb. 28, 1997	Europe	G03B	27/73
9	EP 0 930 498 A2	Dec. 21, 1998	Europe	G01N	21/88

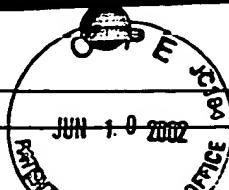
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

DATE CONSIDERED

10-1-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



JUN 12 2002

PTO FORM 4/92		Technology Center 2600			Page 4 of 7	
FORM PTO-1449		JUN 1 0 2002		ATTY.	ASF00116-PA-US	SERIAL NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION		DOCKET		09/960,239		
DISCLOSURE STATEMENT		APPLICANT		Albert D. Edgar		
		FILING DATE		Sept. 21, 2001		
		FOR: Method And System For Improving Scanned Image Detail				

UNITED STATES LETTERS PATENT

UNITED STATES LETTERS PATENT												
		DOCUMENT NUMBER				DATE	NAME	CLASS	SUB CLASS			
9		5	3	9	1	4	4	3	Feb. 21, 1995	Simons et al.	430	21
9		5	4	1	4	7	7	9	May 9, 1995	Mitch	382	199
9		5	4	1	6	5	5	0	May 16, 1995	Skye et al.	354	298
9		5	4	1	8	1	1	9	May 23, 1995	Simons	430	507
9		5	4	1	8	5	9	7	May 23, 1995	Lahcanski et al.	355	76
9		5	4	3	2	5	7	9	Jul. 11, 1995	Tokuda	354	293
9		5	4	3	6	7	3	8	Jul. 25, 1995	Manico	358	503
9		5	4	4	0	3	6	5	Aug. 8, 1995	Gates et al.	354	298
9		5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.	430	20
9		5	4	4	8	3	8	0	Sep. 5, 1995	Park	358	520
9		5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.	348	651
9		5	4	6	5	1	5	5	Nov. 7, 1995	Edgar	358	500
9		5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.	430	30
9	9	5	5	4	6	4	7	7	Aug. 13, 1996	Knowles et al.	382	242
9	9	5	4	9	6	6	6	9	Mar. 5, 1996	Pforr et al.	430	22
9	9	5	5	5	0	5	6	6	Aug. 27, 1996	Hodgson et al.	345	202
9	9	5	5	1	9	5	1	0	May 21, 1996	Edgar	358	471
9	9	5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.	358	518
9	9	5	5	6	3	7	1	7	Oct. 8, 1996	Koeng et al.	358	406

FOREIGN PATENT DOCUMENTS

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

2974

EXAMINER

DATE CONSIDERED 10-1-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO FORM 4/92		Page 5 of 7		
FORM PTO-1449	JUN 1 0 2002	ATTY. DOCKET	ASF00116-PA-US	SERIAL NO.
LIST OF PATENTS AND PUBLICATIONS		APPLICANT	Albert D. Edgar	
FOR APPLICANT'S INFORMATION		FILING DATE	Sept. 21, 2001	GROUP
DISCLOSURE STATEMENT		FOR: Method And System For Improving Scanned Image Detail		

UNITED STATES LETTERS PATENT

UNITED STATES PATENT							CLASS	SUB CLASS			
	DOCUMENT NUMBER						DATE	NAME			
9	5	5	6	8	2	7	0	Oct. 22, 1996	Endo	358	298
9	5	5	7	6	8	3	6	Nov. 19, 1996	Sano et al.	358	302
9	5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518
9	5	5	9	6	4	1	5	Jan. 21, 1997	Cosgrove et al.	358	296
9	5	6	2	7	0	1	6	May 6, 1997	Manico	430	434
9	5	6	6	4	2	5	3	Sep. 2, 1997	Mevers	396	603
9	5	6	6	4	2	5	5	Sep. 2, 1997	Wen	396	627
9	5	6	6	7	9	4	4	Sep. 16, 1997	Reem et al.	430	359
9	5	6	7	8	1	1	6	Oct. 14, 1997	Sugimoto et al.	396	611
9	5	6	9	1	1	1	8	Nov. 25, 1997	Haye	430	357
9	5	6	9	5	9	1	4	Dec. 9, 1997	Simon et al.	430	379
9	5	6	9	8	3	8	2	Dec. 16, 1997	Nakahanada et al.	430	418
9	5	7	2	6	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474
9	5	7	3	9	8	9	7	Apr. 14, 1998	Frick et al.	355	40
9	5	7	7	1	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464
9	5	7	9	0	2	7	7	Aug. 4, 1998	Edgar	358	487
9	5	8	3	5	8	1	1	Nov. 10, 1998	Tsumura	396	598
9	5	8	7	0	1	7	2	Feb. 9, 1999	Blume	355	27
9	5	8	8	0	8	1	9	Mar. 9, 1999	Tanaka et. Al.	355	75

FOREIGN PATENT DOCUMENTS

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

0011 -

EXAMINER / DATE CONSIDERED 10-1-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

12 2002

Technology Center 2600

Page 6 of 7

PTO FORM 4/92		Technology Center 2000			Page 6 of 7
FORM PTO-1449		JUN 10 2002	ATTY. DOCKET	ASF00116-PA-US	SERIAL NO.
LIST OF PATENTS AND PUBLICATIONS		APPLICANT	Albert D. Edgar		
FOR APPLICANT'S INFORMATION		FILING DATE	Sept. 21, 2001	GROUP	
DISCLOSURE STATEMENT		FOR: Method And System For Improving Scanned Image Detail			

UNITED STATES LETTERS PATENT

UNITED STATES LETTERS PATENT												
		DOCUMENT NUMBER					DATE	NAME	CLASS	SUB CLASS		
9	9	5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
9	9	5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167
9	9	5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et al.	382	150
9	9	5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.	382	232
9	9	5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.	15	308
9	9	5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.	382	233
9	9	5	9	8	2	9	3	7	Nov. 9, 1999	Accad	382	239
9	9	5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.	382	260
9	9	5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.	382	284
9	9	5	9	8	8	8	9	6	Nov. 23, 1999	Edgar	396	604
9	9	5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.	382	232
9	9	5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi	430	434
9	9	6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al.	73	150
9	9	6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.	382	294
9	9	6	0	6	5	8	2	4	May 23, 2000	Bullock et al.	347	19
9	9	6	0	6	9	7	1	4	May 30, 2000	Edgar	358	487
9	9	6	0	8	9	6	8	7	Jul. 18, 2000	Helterline	347	7
9	9	6	1	0	1	2	7	3	Aug. 8, 2000	Matama	382	169
9	9	6	1	0	2	5	0	8	Aug. 15, 2000	Cowger	347	7
9	9	6	1	3	7	9	6	5	Oct. 24, 2000	Burgeios et al.	396	626

FOREIGN PATENT DOCUMENTS

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

09 Mr. 9

EXAMINER / **DATE** **CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO FORM 4/92		Technology		
FORM PTO-1449		ATTY. DOCKET	ASF00116-PA-US	SERIAL NO. 09/960,239
LIST OF PATENTS AND PUBLICATIONS		APPLICANT	Albert D. Edgar	
FOR APPLICANT'S INFORMATION		FILING DATE	Sept. 21, 2001	GROUP
DISCLOSURE STATEMENT		FOR: Method And System For Improving Scanned Image Detail		

UNITED STATES LETTERS PATENT

UNITED STATES LETTERS PATENT								CLASS	SUB CLASS		
	DOCUMENT NUMBER						DATE	NAME			
	3	8	3	3	1	6	1	Sep. 3, 1974	Krumbein	226	92
	4	2	6	5	5	4	5	May 5, 1981	Slaker	356	431
	4	6	3	3	3	0	0	Dec. 30, 1986	Sakai	358	41
	4	7	4	1	6	2	1	May 3, 1988	Taft et al.	356	376
	5	0	2	7	1	4	6	Jun. 25, 1991	Manico et al.	354	299
	5	2	0	0	8	1	7	Apr. 6, 1993	Birnbaum	358	80
	5	3	3	4	2	4	7	Aug. 2, 1994	Columbus et al.	118	411
	5	4	7	7	3	4	5	Dec. 19, 1995	Tse	358	500
	5	5	8	7	7	5	2	Dec. 24, 1996	Petruchik	396	315
	5	6	2	7	0	1	6	May 6, 1997	Manico	430	434
	5	6	4	9	2	6	0	Jul. 15, 1997	Wheeler et al.	396	569
	5	8	3	5	7	9	5	Nov. 10, 1998	Craig et al.	396	6
	5	9	5	9	7	2	0	Sep. 28, 1999	Kwon et al.	355	38
	6	0	8	8	0	8	4	Jul. 11, 2000	Nishio	355	75
	6	2	0	0	7	3	8	Mar. 13, 2001	Takano et al.	430	362

FOREIGN PATENT DOCUMENTS

SEARCHED/SEARCHED DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
00	WO 98/25399 -	Jun. 11, 1998	PCT	H04N	1/38
00	WO 98/34157 -	Aug. 6, 1998	PCT	G03D	
00	WO 99/43149 -	Aug. 26, 1999	PCT	H04N	1/100
00	WO 01/45042 A1 -	Jun. 21, 2001	PCT	G06T	5/00
00	WO 01/50192 A1 -	Jul. 12, 2001	PCT	G03C	7/407
00	WO 01/50193 A1 -	Jul. 12, 2001	PCT	G03C	7/407
00	WO 01/50194 A1 -	Jul. 12, 2001	PCT	G03C	7/407
00	WO 01/50197 A1 -	Jul. 12, 2001	PCT	G03C	7/42
00	WO 01/52556 A2 -	Jul. 19, 2001	PCT	H04N	9/11
00	EP 0 580 293 A1 -	Jan. 26, 1994	Europe	H04N	1/04
00	EP 0 601 364 A1 -	Jun. 15, 1994	Europe	H04N	1/387
00	EP 0 768 571 A2 -	Apr. 16, 1997	Europe	G03D	13/00
00	EP 0 806 861 A1 -	Nov. 12, 1997	Europe	H04N	1/00
00	EP 0 878 777 A2 -	Nov. 18, 1998	Europe	G06T	5/40

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

1911

EXAMINEE

DATE CONSIDERED 10-1-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.